

WHAT IS CLAIMED IS:

1 1. A method for digitally signing a document,
2 comprising the steps of:

3 receiving the document to be digitally signed at a
4 first location;

5 generating a representation of the document;

6 forwarding the representation of the document to a
7 personal trusted device; and

8 digitally signing the representation of the document
9 at the personal trusted device.

1 2. The method of Claim 1, wherein the first location
2 comprises a trusted PC.

1 3. The method of Claim 2, further including the step
2 authenticating an identity of the trusted PC by the personal
3 trusted device.

4 4. The method of Claim 2, wherein the step of digitally
5 signing further includes the step of entering a PIN into the
6 personal trusted device.

1 5. The method of Claim 2, wherein the step of
2 forwarding further comprises the steps of establishing a
3 serial cable connection between the personal trusted device
4 and the trusted PC.

1 6. The method of Claim 2, wherein the step of
2 forwarding further comprises the steps of establishing a
3 infrared connection between the personal trusted device and
4 the trusted PC.

1 7. The method of Claim 2, wherein the step of
2 forwarding further comprises the steps of establishing a
3 Bluetooth connection between the personal trusted device and
4 the trusted PC.

1 8. The method of Claim 2, further including the step of
2 displaying the document at the trusted PC prior to digitally
3 signing the representation.

1 9. The method of Claim 1, wherein the first location
2 comprises a cryptography module within a PC.

1 10. The method of Claim 9, further including the step of
2 displaying the document at the PC in a browser associated with
3 the cryptography module.

1 11. The method of Claim 1, further including the step of
2 forwarding the document from the first location to a trusted
3 third party.

4 12. The method of Claim 11, wherein the step of
5 forwarding further comprises forwarding the documents from the
6 first location to the trusted third party using SSL/TLS.

7 13. The method of Claim 1, wherein the step of
8 forwarding further comprises the steps of:

9 forwarding the document to a server prior to
10 generation of the representation of the document;

11 forwarding the document and the representation of
12 the document from the server to the trusted party.

1 14. The method of Claim 1, wherein the step of
2 forwarding the representation further comprises the step of
3 streaming the representation and at least a portion of the
4 document to the personal trusted device.

1 15. The method of Claim 14, further including the step
2 of:
3 selecting portions of the document to be streamed to the
4 personal trusted device; and
5 displaying the selected portions at the personal trusted
6 device.

1 16. The method of Claim 14, further including the step
2 of displaying only portions of the document contained with a
3 buffer of the personal trusted device.

1 17. The method of Claim 1, further comprising the steps
2 of:
3 forwarding the document to the personal trusted
4 device;
5 generating a second representation of the document
6 at the personal trusted device; and
7 comparing the representation with the second
8 representation of the document.

1 18. A method for digitally signing a document,
2 comprising the steps of:
3 receiving the document to be digitally signed at a
4 personal computer;
5 generating a hash from the document at the personal
6 computer;
7 authenticating the personal computer from a mobile
8 terminal;
9 forwarding the hash to the mobile terminal; and
10 displaying the document at the personal computer;
11 displaying the hash at the mobile terminal; and
12 digitally signing the hash of the document at the
13 mobile terminal.

1 19. The method of Claim 18, wherein the step of
2 digitally signing further includes the step of entering a PIN
3 into the mobile terminal.

1 20. The method of Claim 18, wherein the step of
2 forwarding further comprises the steps of establishing a
3 serial cable connection between the mobile terminal and the
4 personal computer.

1 21. The method of Claim 18, wherein the step of
2 forwarding further comprises the steps of establishing an
3 infrared connection between the mobile terminal and the
4 personal computer.

1 22. The method of Claim 18, wherein the step of
2 forwarding further comprises the steps of establishing a
3 Bluetooth connection between the mobile terminal and the
4 personal computer.

1 23. The method of Claim 18, wherein the step of
2 displaying the document at the personal computer further
3 comprises the step of displaying the document in a browser at
4 the personal computer.

1 24. The method of Claim 18, wherein the personal
2 computer comprises a trusted personal computer.

1 25. The method of Claim 18, wherein the step of
2 generating comprises the step of generating the hash from the
3 document at a cryptography module in the personal computer.

4 26. The method of Claim 18, further comprising the steps
5 of:

6 forwarding the document to the personal trusted
7 device;

8 generating a second hash of the document at the
9 personal trusted device; and

10 comparing the hash with the second representation of
the document.

1 27. A method for digitally signing a document,
2 comprising the steps of:

3 receiving the document to be digitally signed at a
4 personal computer;

5 forwarding the document to a server;

6 generating a hash from the document at the server;

7 forwarding the hash and the document from the server
8 to a trusted third party from the server;

9 forwarding the hash to a mobile terminal from the
10 trusted third party; and

11 digitally signing the hash of the document at the
12 mobile terminal.

1 28. The method of Claim 27, wherein the steps of
2 forwarding further comprises forwarding the documents using
3 SSL/TLS protocol.

1 29. The method of Claim 27, further including the step
2 of requesting a digital signature at the PC.

1 30. A method for digitally signing a document,
2 comprising the steps of:

3 receiving the document to be digitally signed at a
4 personal computer;

5 generating a hash from the document at the personal
6 computer;

7 streaming the hash and at least a portion of the
8 document to a mobile terminal; and

9 digitally signing the hash at the mobile terminal.

1 31. The method of Claim 28, further including the step
2 of:

3 selecting portions of the document to be streamed to the
4 mobile terminal.

1 32. The method of Claim 28, further including the step
2 of displaying only portions of the document contained within
3 a buffer of the mobile terminal.

1 33. A system for digitally signing a document,
2 comprising the steps of:

3 a personal computer for receiving the document to be
4 digitally signed and enabling generation of a hash of the
5 document; and

6 a personal trusted device for displaying the hash
7 and for enabling digital signing of the hash.

1 34. The system of Claim 31, wherein the personal
2 computer further displays the document.

1 35. The system of Claim 31, wherein the personal
2 computer further includes a cryptographic module for enabling
3 generation of the hash.

1 36. The system of Claim 31, further including:
2 a server for generating the hash from the document;
3 and
4 a trusted party for providing the hash to the
5 personal trusted device.

1 37. The system of Claim 31, wherein the personal
2 computer streams the hash and at least a portion of the
3 document to the mobile terminal.

37. The system of Claim 31, wherein the personal
computer streams the hash and at least a portion of the
document to the mobile terminal.